

Abstract of the Disclosure

A sublancin peptide variant having a Gly-His peptide sequence fused to the C-terminal end of the mature sublancin peptide provides an affinity tag facilitating increased purification of the peptide variant from sample preparations without affecting the intracellular processing of the sublancin peptide variant, expression by a host cell or its biological activity in secreted form. This sublancin variant has specific inhibitory activity for spore outgrowth as for the native sublancin peptide. Production of the sublancin peptide variant on an industrial scale is set forth as are methods of decontaminating spore-infected areas. Methods for generating the peptide variant gene, plasmid and transformant are also described.